



09/701813

SEQUENCE LISTING

<110> Bayer AG

<120> Monoclonal antibody and assay for detecting PIIINP

<130> MoAb and assay for detecting PIIINP

<140> 98109688.6

<141> 1998-05-28

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 519

<212> DNA

<213> Primer

<400> 1

```
atgatgagct ttgtgcaaaa ggggagctgg ctacttctcg ctctgcttca tcccactatt 60
attttggcac aacaggaagc tggtgaagga ggatgttccc atcttgggtca gtcctatgcg 120
gatagagatg tctggaagcc agaaccatgc caaatatgtg tctgtgactc aggatccgtt 180
ctctgcgatg acataatatg tgacgatcaa gaattagact gcccacaccc agaaattcca 240
tttgagagaat gttgtgcagt ttgcccacag cctccaactg ctccctactcg ccctcctaata 300
gggtcaaggac ctcaaggccc caagggagat ccaggccctc ctggtattcc tgggagaaaat 360
ggtgaccctg gtattccagg acaaccaggg tcccctgggt ctccctggccc ccctggaatc 420
tgtgaatcat gccctactgg tcttcagaac tattctcccc agtatgattc atatgatgtc 480
aagtctggag tagcagtagg aggactcgca ggctatcct 519
```

<210> 2

<211> 173

<212> PRT

<213> Human

<400> 2

```
Met Met Ser Phe Val Gln Lys Gly Ser Trp Leu Leu Leu Ala Leu Leu
 1          5          10          15
His Pro Thr Ile Ile Leu Ala Gln Gln Glu Ala Val Glu Gly Gly Cys
 20          25          30
Ser His Leu Gly Gln Ser Tyr Ala Asp Arg Asp Val Trp Lys Pro Glu
 35          40          45
Pro Cys Gln Ile Cys Val Cys Asp Ser Gly Ser Val Leu Cys Asp Asp
 50          55          60
Ile Ile Cys Asp Asp Gln Glu Leu Asp Cys Pro Asn Pro Glu Ile Pro
 65          70          75          80
Phe Gly Glu Cys Cys Ala Val Cys Pro Gln Pro Pro Thr Ala Pro Thr
 85          90          95
Arg Pro Pro Asn Gly Gln Gly Pro Gln Gly Pro Lys Gly Asp Pro Gly
100        105        110
```

Pro Pro Gly Ile Pro Gly Arg Asn Gly Asp Pro Gly Ile Pro Gly Gln
115 120 125

Pro Gly Ser Pro Gly Ser Pro Gly Pro Pro Gly Ile Cys Glu Ser Cys
130 135 140

Pro Thr Gly Pro Gln Asn Tyr Ser Pro Gln Tyr Asp Ser Tyr Asp Val
145 150 155 160

Lys Ser Gly Val Ala Val Gly Gly Leu Ala Gly Tyr Pro
165 170

<210> 3
<211> 31
<212> DNA
<213> Primer

<220>
<223> Description of Unknown Organism:Primer

<400> 3
cgcggtacc aagggagct ggctacttct c 31

<210> 4
<211> 30
<212> DNA
<213> Primer

<220>
<223> Description of Unknown Organism:Primer

<400> 4
cgcgctgcag tgtgactcag gatccgttct 30

<210> 5
<211> 29
<212> DNA
<213> Primer

<220>
<223> Description of Unknown Organism:Primer

<400> 5
cgcgaagctt aggggaccct ggttgctct 29

<210> 6
<211> 31
<212> DNA
<213> Primer

<220>
<223> Description of Unknown Organism:Primer

<400> 6
cgcggtacc caggaagctg ttgaaggagg a 31

<210> 7
<211> 31
<212> DNA
<213> Primer

<220>
<223> Description of Unknown Organism:Artificial

<400> 7
cgcgaaagctt aggatagcct gcgagtcctc c

31

<210> 8
<211> 24
<212> PRT
<213> Human

<400> 8
Met Arg Gly Ser His His His His His His Gly Ser Ala Cys Glu Leu
1 5 10 15

Gly Thr Gln Glu Ala Val Glu Gly
20

<210> 9
<211> 24
<212> PRT
<213> Human

<400> 9
Met Arg Gly Ser His His His His His His Gly Ser Ala Cys Glu Leu
1 5 10 15

Gly Thr Gln Glu Ala Val Glu Gly
20

<210> 10
<211> 24
<212> PRT
<213> Human

<400> 10
Met Arg Gly Ser His His His His His His Thr Asp Pro His Ala Ser
1 5 10 15

Ser Val Pro Arg Val Asp Leu Gln
20

<210> 11
<211> 21
<212> PRT
<213> Human

<400> 11
Gly Ser Pro Gly Pro Pro Gly Ile Cys Glu Ser Cys Pro Thr Gly Pro
1 5 10 15

Gln Asn Tyr Ser Pro
20

<210> 12
<211> 14
<212> PRT
<213> Human

<400> 12
Ile Cys Glu Ser Cys Pro Thr Gly Gly Gln Asn Tyr Ser Pro
1 5 10

<210> 13
<211> 31
<212> DNA
<213> 'Axial Seamount' polynoid polychaete

<400> 13
cgcgaagctt gggagaatag ttctgaggac